

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Steven E. Muentner
Assignee: The Boeing Company
Title: Optical Encoders For Position Measurements
Serial No.: Unassigned Filing Date: Herewith
Examiner: Unassigned Group Art Unit: Unassigned
Docket No.: M-15282 US

Irvine, California
October 29, 2003

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. §1.97 AND § 1.98

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and §1.98, Applicant calls the following documents (copies enclosed) to the attention of the Examiner. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom. Note that U.S. patent application no. 10/394,930 is being submitted for the Examiner to consider regarding double patenting.

A PTO form 1449 listing these documents is enclosed.

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;

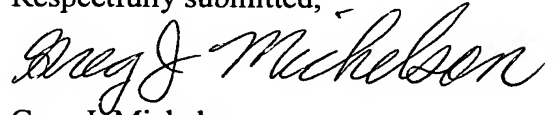
2. a representation that a search has been made, or
3. an admission that the information cited herein is, or is considered to be material to patentability as defined in §1.56(b).

Applicant(s) believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-2257. Please deduct any additional fees from, or credit any overpayment to the above-noted Deposit Account.

EXPRESS MAIL NO.

EV411212815US

Respectfully submitted,



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U.S. Department of Commerce, Patent and Trademark Office					Atty. Docket No.		Serial No.	
					M-15282 US		Not yet assigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant(s)			
(Use several sheets if necessary)					Steven E. Muentner			
					Filing Date		Group	
					Herewith		Not yet assigned	
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AQ	"Interferometric Encoder Techniques", by R. J. Tansey et al., January 8, 1988, pages 1-52						
	AR	"An Absolute Distance Interferometer Using A Dye Laser Heterodyne Interferometer And Spatial Separation Of Beams", Proceedings of SPIE – The International Society for Optical Engineering, Volume 429, Precision Surface Metrology, R. J. Tansey, August 23-24, 1983, pages 43-54						
	AS	U.S. patent application entitled "Heterodyne Lateral Grating Interferometric Encoder", given serial number 10/394,930, filed on 03/19/2003						
Examiner			Date Considered					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>								